

Title (en)

Portable information terminal with rotatable opening/closing operation

Title (de)

Tragbares Informationsendgerät mit drehbarer Öffnungs/Schliessbedienung

Title (fr)

Terminal portatif d'information avec une opération rotative d'ouverture/fermeture

Publication

EP 1798939 A1 20070620 (EN)

Application

EP 05257729 A 20051215

Priority

EP 05257729 A 20051215

Abstract (en)

A portable information terminal (10) includes a first casing (1) having a manipulation unit (11) at its surface, a second casing (2) having a display unit (21) at its surface, and a rotation link mechanism (3) linking the first casing (1) and the second casing (2) such that the second casing (2) rotates slidably with respect to the first casing (1). The rotation link mechanism (3) is configured to allow transition, by one rotating operation, from one to another of a closed state in which the second casing (2) entirely covers the manipulation unit (11) of the first casing (1) and an open state in which the manipulation unit (11) of the first casing (1) is exposed as a result of movement of the second casing (2) that takes an axially symmetric orientation to the center line of the first casing (2) in the open state. Thus, the operation from a closed state up to an open state can all be readily conducted with one hand

IPC 8 full level

H04M 1/02 (2006.01)

CPC (source: EP)

H04M 1/0227 (2013.01); **H04M 1/0229** (2013.01); **H04M 1/0233** (2013.01); **H04M 1/0214** (2013.01); **H04M 1/0241** (2013.01); **H04M 1/04** (2013.01); **H04M 2250/22** (2013.01)

Citation (applicant)

EP 1594293 A2 20051109 - SAMSUNG ELECTRONICS CO LTD [KR]

Citation (search report)

- [X] WO 03050665 A1 20030619 - RAST ASSOCIATES LLC [US], et al
- [X] US 2002102946 A1 20020801 - SANGIOVANNI JOHN [US]
- [X] US 2004266477 A1 20041230 - MURATA YOSHIYUKI [JP]
- [A] EP 1427172 A2 20040609 - NEC CORP [JP]

Cited by

EP2107764A1; RU2509339C2; CN102177700A; EP2337314A4; EP3007413A3; US8577421B2; US11201631B1; US8154520B2; WO2022045384A1; US9515693B2

Designated contracting state (EPC)

DE FR GB

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1798939 A1 20070620; EP 1798939 B1 20100210; DE 602005019311 D1 20100325; EP 2159996 A1 20100303

DOCDB simple family (application)

EP 05257729 A 20051215; DE 602005019311 T 20051215; EP 09013923 A 20051215